

# PCR Protocol

1. Warm master mix so that solution is clear (no white flakes)
2. 1:10 dilution of primers in Tris-HCl
3. 12.5 ul of master mix
4. 1.25 ul of each primer
5. 1 ul of template DNA
6. Dilute to 25 ul with dH<sub>2</sub>O
7. Thermocycler: Edit function YFP PCR  
(Step 4 time = 1 minute per kb)

## Thermocycler Function YFP PCR:

1. 98° for 30 seconds
2. The following steps 30 times
  - 2.1. 98° for 10 seconds
  - 2.2. 58° for 30 seconds
  - 2.3. 72° for 1 minute per kb
3. 72° for 2 minutes
4. 4° for forever